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Guajardo

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(54) **LIGHT EMITTING BOWL ASSEMBLY**

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(51) **Int. Cl.**

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F21V 23/04	(2006.01)
F21S 10/04	(2006.01)
F21S 9/02	(2006.01)
F21Y 115/10	(2016.01)

(52) **U.S. Cl.**

CPC ***F21V 23/06*** (2013.01); ***F21S 9/02*** (2013.01); ***F21S 10/04*** (2013.01); ***F21V 23/04*** (2013.01); *F21Y 2115/10* (2016.08)

(58) **Field of Classification Search**

CPC F21S 10/04; F21V 23/06
USPC 362/653, 657, 249.16
See application file for complete search history.

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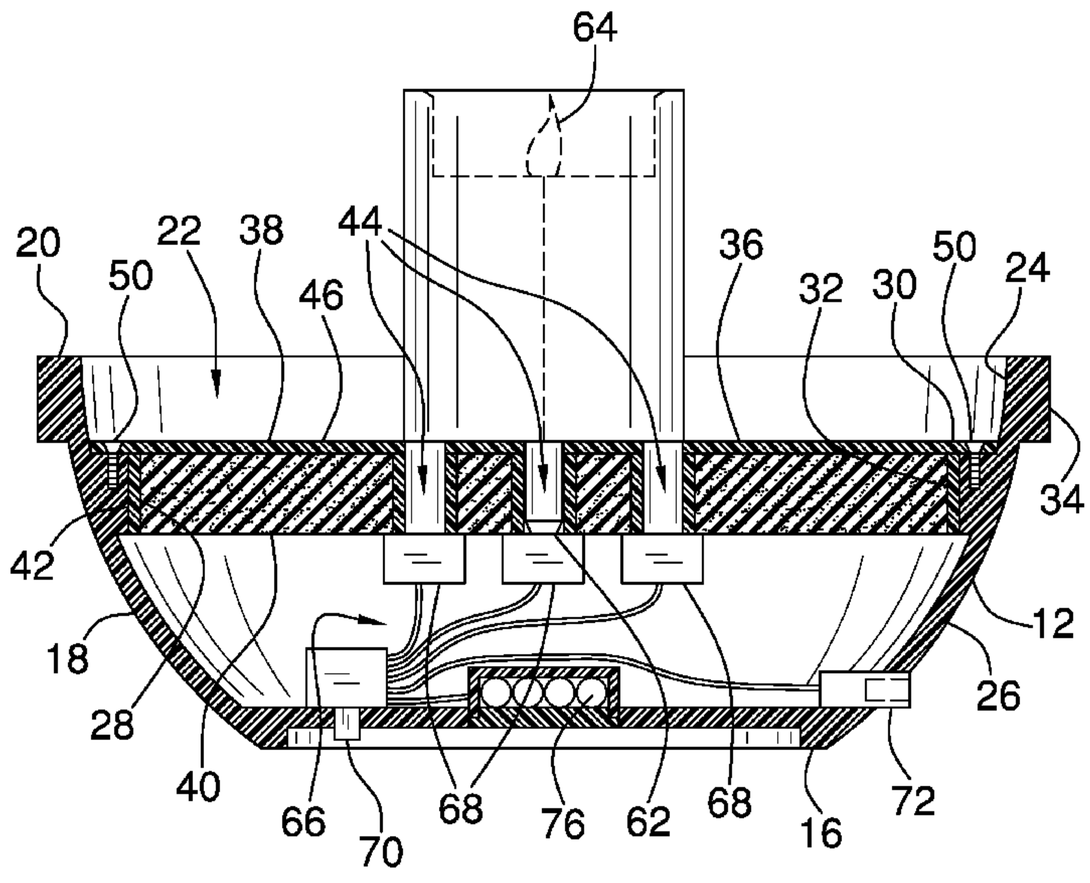
Primary Examiner — Christopher M Raabe

(57) **ABSTRACT**

A light emitting bowl assembly for facilitating an ornamental festive display includes a bowl that may be positioned on a support surface. A plurality of candle units is provided and each of the candle units is selectively positioned in the bowl. Each of the candle units is arranged in a selected arrangement and the bowl. Moreover, each of the candle units is selectively turned on to selectively emit light outwardly therefrom. In this way the candle units enhance an ornamental appearance of the bowl.

12 Claims, 6 Drawing Sheets



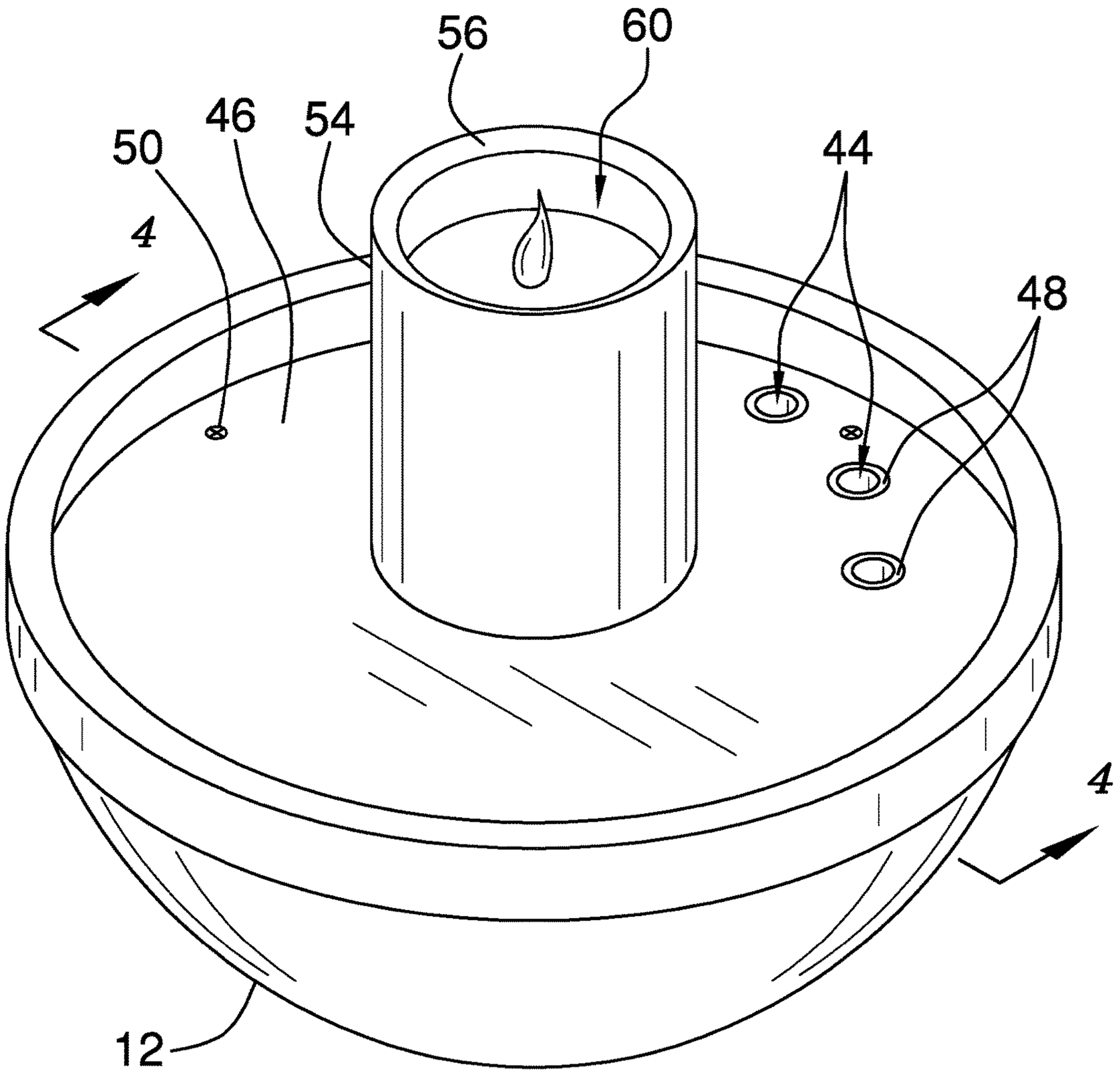


FIG. 1

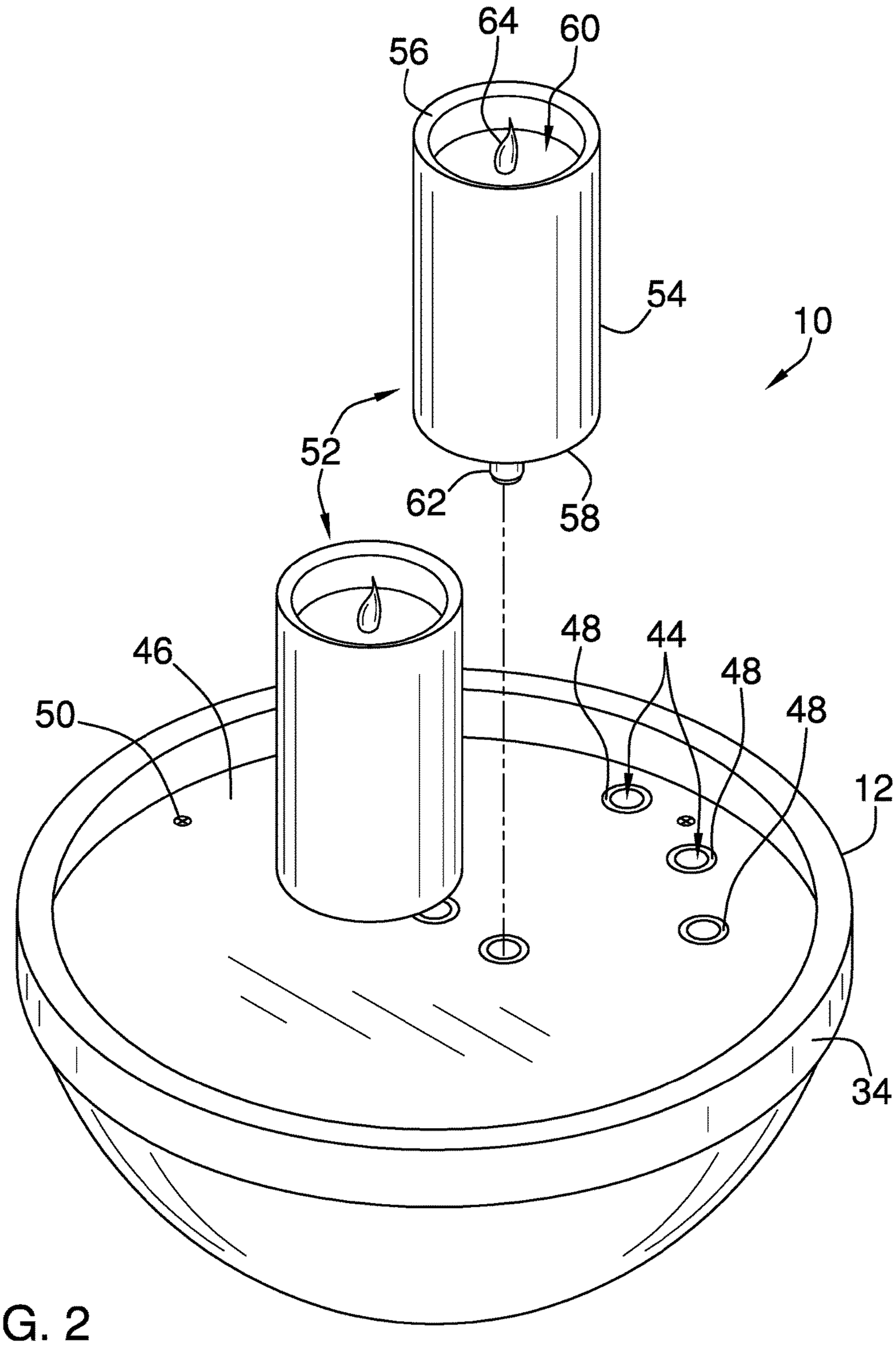


FIG. 2

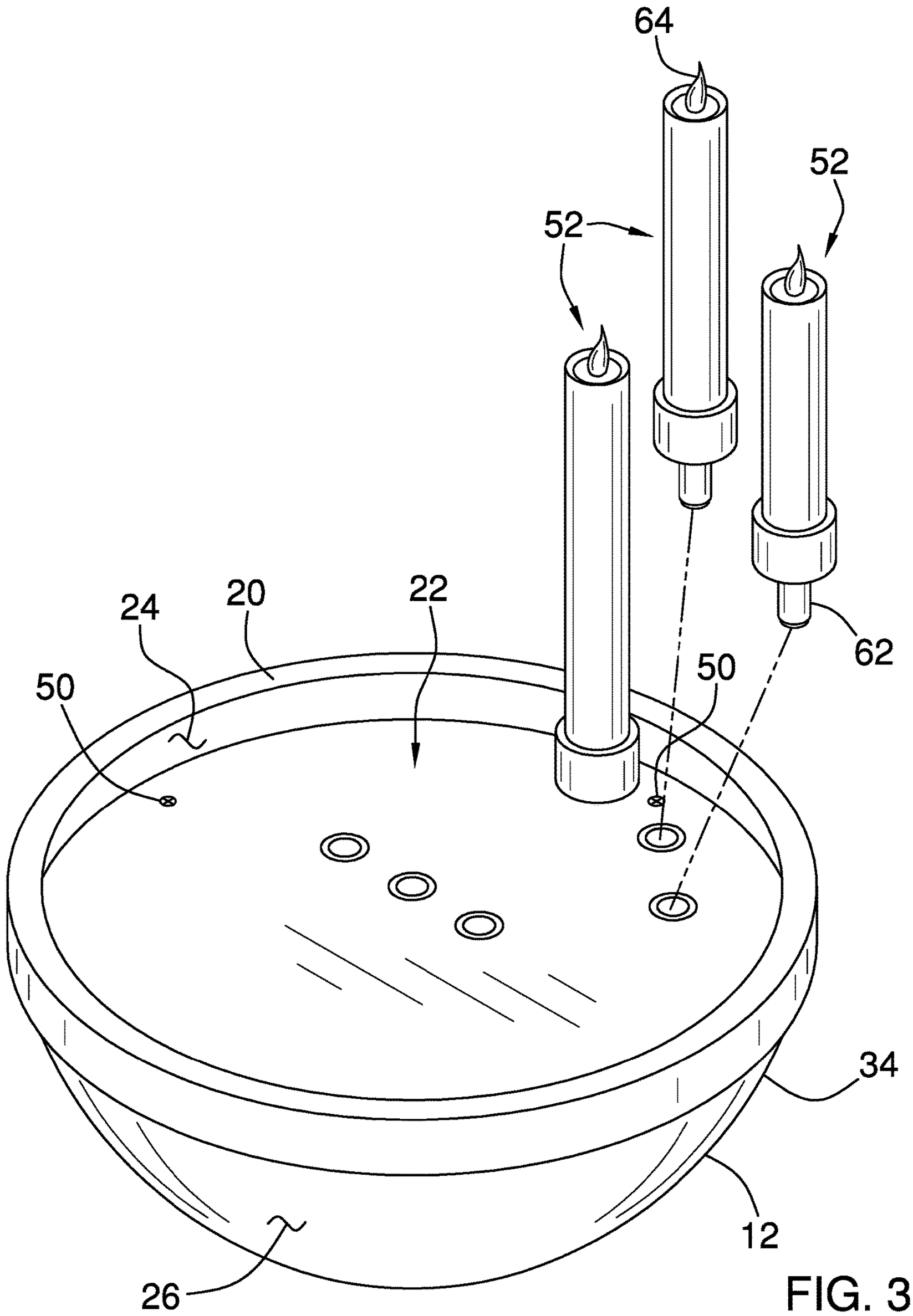


FIG. 3

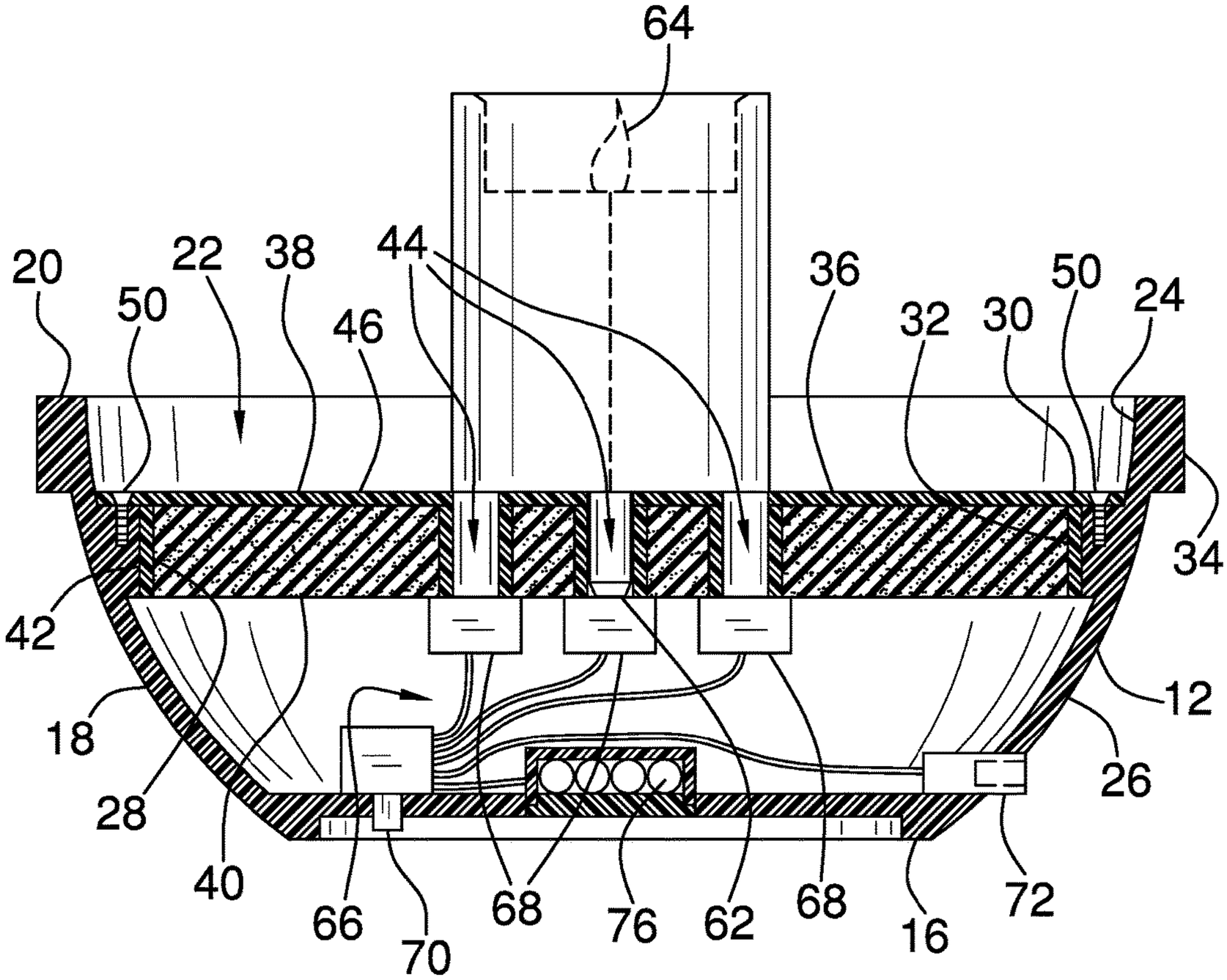

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FIG. 4

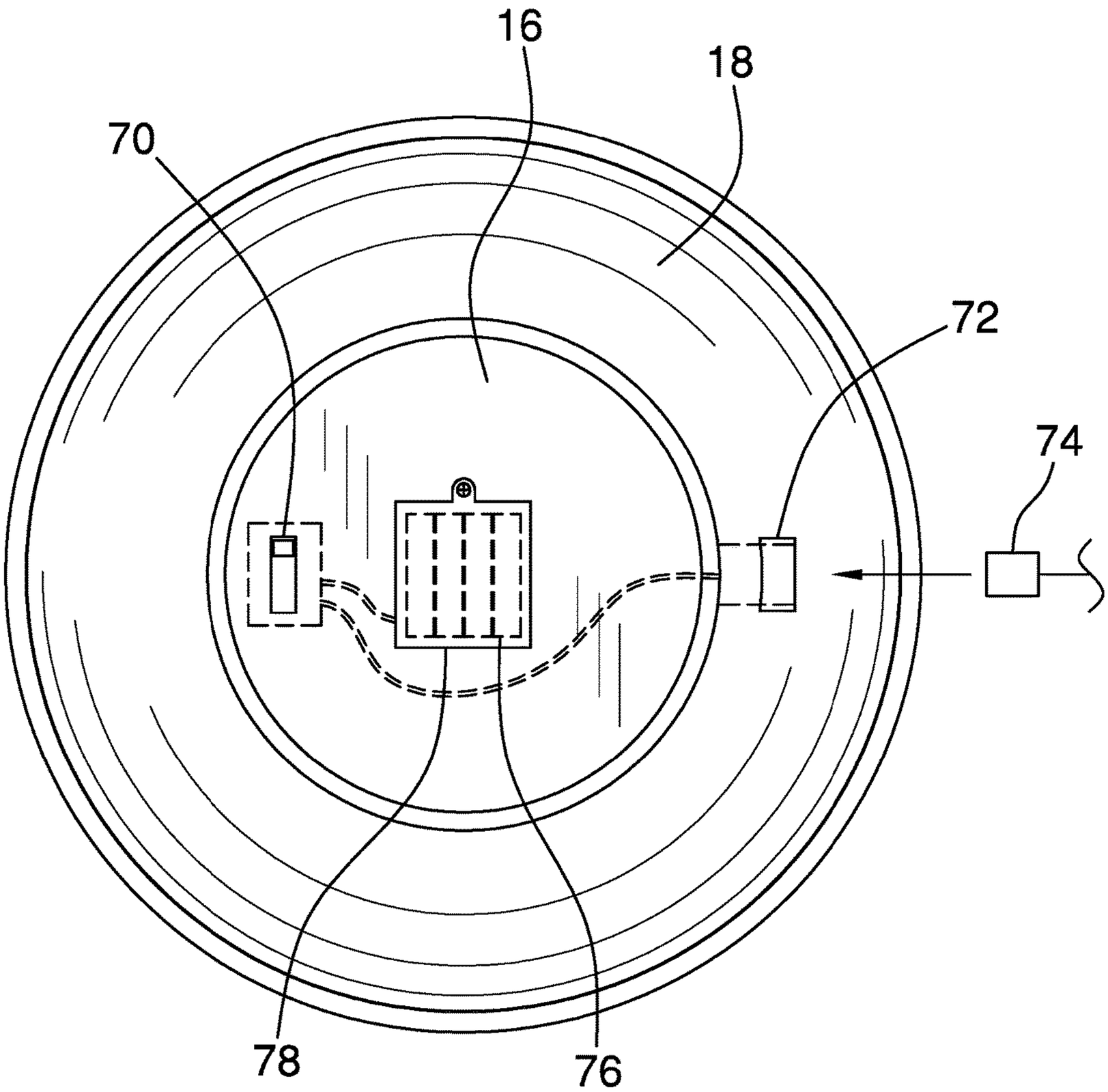

FIG. 5

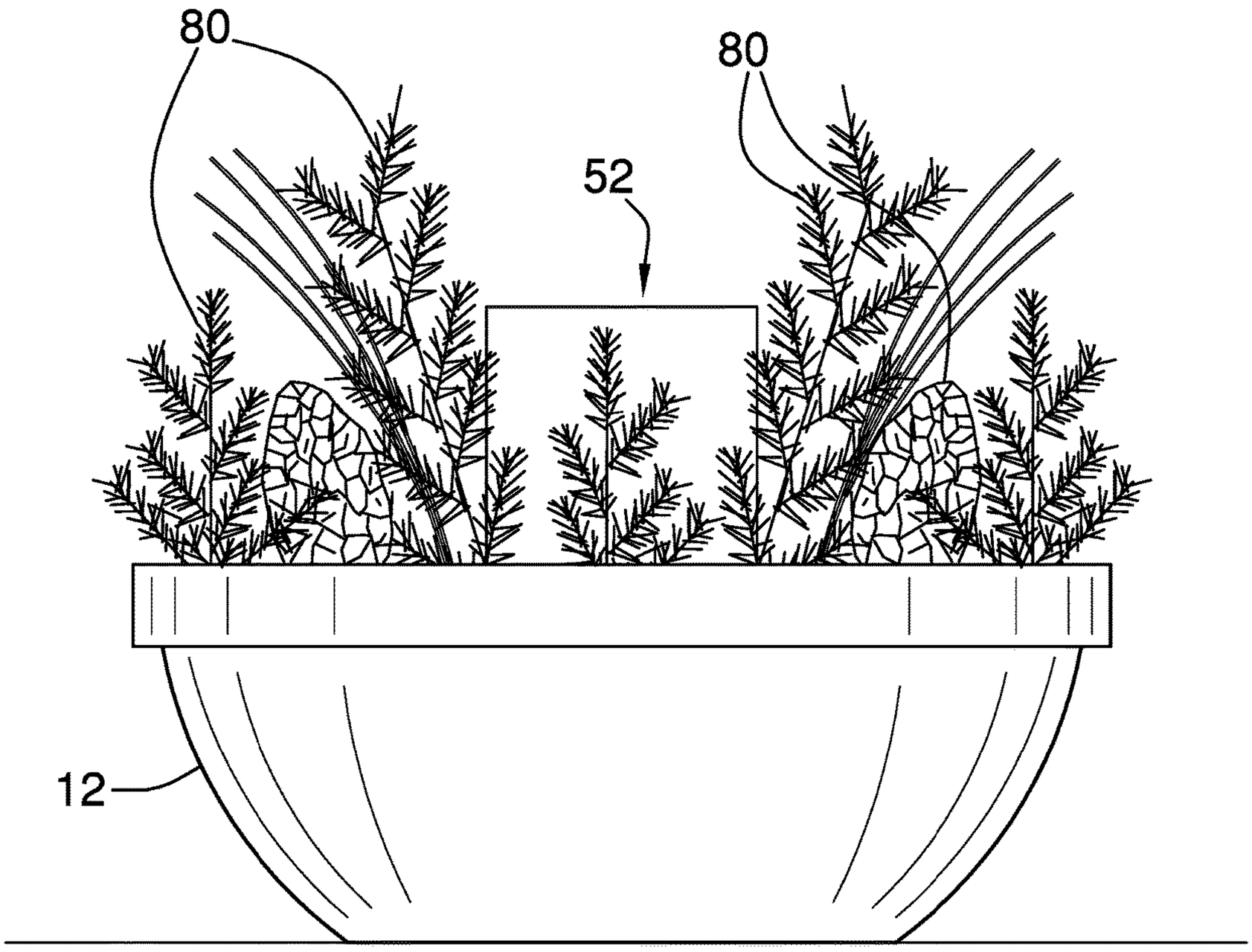

FIG. 6

LIGHT EMITTING BOWL ASSEMBLY

CROSS-REFERENCE TO RELATED APPLICATIONS

Not Applicable

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

Not Applicable

THE NAMES OF THE PARTIES TO A JOINT RESEARCH AGREEMENT

Not Applicable

INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC OR AS A TEXT FILE VIA THE OFFICE ELECTRONIC FILING SYSTEM

Not Applicable

STATEMENT REGARDING PRIOR DISCLOSURES BY THE INVENTOR OR JOINT INVENTOR

Not Applicable

BACKGROUND OF THE INVENTION

(1) Field of the Invention

(2) Description of Related Art Including Information Disclosed Under 37 CFR 1.97 and 1.98

The disclosure and prior art relates to light devices and more particularly pertains to a new light device for facilitating an ornamental festive display.

BRIEF SUMMARY OF THE INVENTION

An embodiment of the disclosure meets the needs presented above by generally comprising a bowl that may be positioned on a support surface. A plurality of candle units is provided and each of the candle units is selectively positioned in the bowl. Each of the candle units is arranged in a selected arrangement and the bowl. Moreover, each of the candle units is selectively turned on to selectively emit light outwardly therefrom. In this way the candle units enhance an ornamental appearance of the bowl.

There has thus been outlined, rather broadly, the more important features of the disclosure in order that the detailed description thereof that follows may be better understood, and in order that the present contribution to the art may be better appreciated. There are additional features of the disclosure that will be described hereinafter and which will form the subject matter of the claims appended hereto.

The objects of the disclosure, along with the various features of novelty which characterize the disclosure, are pointed out with particularity in the claims annexed to and forming a part of this disclosure.

BRIEF DESCRIPTION OF SEVERAL VIEWS OF THE DRAWING(S)

The disclosure will be better understood and objects other than those set forth above will become apparent when consideration is given to the following detailed description thereof. Such description makes reference to the annexed drawings wherein:

FIG. **1** is a top perspective view of a light emitting bowl assembly according to an embodiment of the disclosure.

FIG. **2** is an exploded perspective view of an embodiment of the disclosure.

FIG. **3** is an exploded top perspective view of an embodiment of the disclosure.

FIG. **4** is a cross sectional view taken along line **4-4** of FIG. **1** of an embodiment of the disclosure.

FIG. **5** is a bottom phantom view of an embodiment of the disclosure.

FIG. **6** is a perspective in-use view of an embodiment of the disclosure.

DETAILED DESCRIPTION OF THE INVENTION

With reference now to the drawings, and in particular to FIGS. **1** through **6** thereof, a new light device embodying the principles and concepts of an embodiment of the disclosure and generally designated by the reference numeral **10** will be described.

As best illustrated in FIGS. **1** through **6**, the light emitting bowl assembly **10** generally comprises a bowl **12** that may be positioned on a support surface **14** such as a tabletop or the like. The bowl **12** has a bottom wall **16** and an outer wall **18** extending upwardly therefrom. The outer wall **18** has a distal edge **20** with respect to the bottom wall **16** defining an opening **22** into the bowl **12**, an inside surface **24** and an outside surface **26**. Additionally, the bowl **12** may have a diameter ranging between 30.0 cm and 50.0 cm.

The outer wall **18** has a first lip **28** extending inwardly from the inside surface **24**. The first lip **28** is coextensive with the outer wall **18** such that the first lip **28** forms a closed loop. Moreover, the first lip **28** is spaced from the distal edge **20** of the outer wall **18** and the first lip **28** has an upwardly facing surface **30** and an inwardly facing surface **32**. The outer wall **18** has a second lip **34** extending outwardly from the outside surface **26**. The second lip **34** is coextensive with the outer wall **18** and the second lip **34** is aligned with the distal edge **20** of the outer wall **18**.

A panel **36** is provided that has a first surface **38**, a second surface **40** and a peripheral edge **42** extending therebetween. The peripheral edge **42** is continuous such that the panel **36** has a circular shape and the peripheral edge **42** is attached to the inwardly facing surface **32** of the first lip **28**. The panel **36** has a plurality of first apertures **44** extending through the first surface **38** and the second surface **40**. The first apertures **44** are spaced apart from each other and are distributed on the first panel **36**. Additionally, the panel **36** may be comprised of a resiliently compressible material such as foam rubber or the like.

A disc **46** is positioned on the first surface **38** of the panel **36**. The disc **46** completely covers the first surface **38** of the panel **36** and the upwardly facing surface **30** of the first lip **28**. The disc **46** has a plurality of second apertures **48** extending therethrough. Each of the second apertures **48** is aligned with an associated one of the first apertures **44**. A plurality of fasteners **50** is provided and each of the fasteners **50** extends through the disc **46** and engages the upwardly facing surface **30** of the first lip **28** to removably retain the disc **46** on the panel **36**. Each of the fasteners **50** may be screws or the like.

A plurality of candle units **52** is provided and each of the candle units **52** is selectively positioned in the bowl **12**.

Moreover, each of the candle units **52** is arranged in a selected arrangement in the bowl **12**. Each of the candle units **52** is selectively turned on to emit light outwardly therefrom. In this way the candle units **52** enhances an ornamental appearance of the bowl **12** for festive and holiday displays.

Each of the candle units **52** comprises a cylinder **54** that has a first end **56** and a second end **58**. The first end **56** has a well **60** extending toward the second end **58**. The cylinder **54** corresponding to each of the candle units **52** may have a height and a diameter that is unique with respect to each other. A plug **62** is coupled to and extends downwardly from the second end **58** and the plug **62** is comprised of an electrically conductive material. The plug **62** is extended into a selected one of the first apertures **44** in the panel **36**. The plug **62** may have a cylindrical shape to engage the selected first aperture.

A light emitter **64** is positioned in the well **60** to emit light outwardly therefrom. The light emitter **64** is electrically coupled to the plug **62** and the light emitter **64** may comprise an LED or the like. Additionally, the light emitter **64** may be shaped to resemble a flame on a wick of a candle. The light emitter **64** corresponding to each of the candle units **52** may emit a color of light that is unique with respect to each other. Additionally, the light emitter **64** corresponding to each of the candle units **52** may emit red, green and white light.

A power supply **66** is provided and the power supply **66** is coupled to the bowl **12**. The power supply **66** is electrically coupled to each of the candle units **52** when the candle units **52** are positioned in the bowl **12**. The power supply **66** comprises a plurality of contacts **68** and each of the contacts **68** is coupled to the second surface **40** of the panel **36**. Each of the contacts **68** is aligned with an associated one of the first apertures **44** in the panel **36**. The plug **62** corresponding to each of the candle units **52** is electrically coupled to the contact corresponding to the first apertures **44** when the plug **62** is inserted into the corresponding first aperture. A processor may be provided and the processor may selectively adjust an intensity of the light emitter **64** corresponding to each of the candle units **52** and actuate the light emitter **64** corresponding each of the candle units **52** to flicker on and off.

A switch **70** is coupled to the bowl **12** and the switch **70** is electrically coupled to each of the contacts **68** such that the switch **70** turns each of the contacts **68** on and off. A power port **72** is coupled the bowl **12** and the power port **72** is selectively electrically coupled to a power source **74**. The power source **74** may be a plug on a charger or the like and the power port **72** is electrically coupled to each of the contacts **68**. At least one battery **76** is positioned in the bowl **12** and the at least one battery **76** is electrically coupled to the switch **70**. A battery cover **78** is removably coupled to the bottom wall **16** of the bowl **12**. The at least one battery **76** is positioned beneath the battery cover **78**.

A plurality of fiber optic lines may be provided and each of the fiber optic lines may be plugged into selected ones of the contacts **68**. In this way each of the fiber optic lines may emit a selected color of light. Additionally, a plurality of ornamental plants **80** may be provided and the ornamental plants **80** may be arranged in the bowl **12**. Each of the ornamental plants **80** may be fake plants comprised of plastic or the like.

In use, selected ones of the candle units **52** are plugged into selected ones of the first apertures **44** in the panel **36**. Moreover, the candle units **52** may be arranged in a manner corresponding with holiday traditions. The switch **70** is manipulated to turn the light emitter **64** corresponding to each of the candle units **52** on such that the light emitter **64** corresponding to each the candle units **52** emits light. In this way holiday celebrations that involve candles may be practiced without the fire hazard associated with burning a real candle.

With respect to the above description then, it is to be realized that the optimum dimensional relationships for the parts of an embodiment enabled by the disclosure, to include variations in size, materials, shape, form, function and manner of operation, assembly and use, are deemed readily apparent and obvious to one skilled in the art, and all equivalent relationships to those illustrated in the drawings and described in the specification are intended to be encompassed by an embodiment of the disclosure.

Therefore, the foregoing is considered as illustrative only of the principles of the disclosure. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the disclosure to the exact construction and operation shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the disclosure. In this patent document, the word "comprising" is used in its non-limiting sense to mean that items following the word are included, but items not specifically mentioned are not excluded. A reference to an element by the indefinite article "a" does not exclude the possibility that more than one of the element is present, unless the context clearly requires that there be only one of the elements.

I claim:

1. A light emitting bowl assembly being configured to be positioned as a centerpiece for festive holidays and occasions, said assembly comprising:

a bowl being configured to be positioned on a support surface;

a panel having a first surface, a second surface, and a plurality of first apertures, said panel being coupled to said bowl;

a plurality of candle units, each of said candle units being selectively positioned in said bowl, each of said candle units being arranged in a selected arrangement and said bowl, each of said candle units being selectively turned on wherein each of said candle units is configured to selectively emit light outwardly therefrom thereby enhancing an ornamental appearance of said bowl, each of said candle units comprising

a cylinder having a first end and a second end, said first end having a well extending toward said second end,

a plug being coupled to and extending downwardly from said second end, said plug being comprised of an electrically conductive material, said plug being extended into a selected one of said first apertures in said panel;

a power supply being coupled to said bowl, said power supply being electrically coupled to each of said candle units when said candle units is positioned in said bowl, said power supply including a plurality of contacts, each of said contacts being coupled to said second surface of said panel such that each of said contacts is aligned with and positioned at a bottom of an associated one of said first apertures in said panel, said plug corresponding to each of said candle units being electrically coupled to said contact corresponding to said first apertures when said plug is inserted into said corresponding first aperture.

2. The assembly according to claim **1**, wherein said bowl has a bottom wall and an outer wall extending upwardly therefrom, said outer wall having a distal edge with respect

to said bottom wall defining an opening into said bowl, said outer wall having an inside surface, said outer wall having a first lip extending inwardly from said inside surface, said first lip being coextensive with said outer wall such that said first lip forms a closed loop, said first lip being spaced from said distal edge of said outer wall, said first lip having an upwardly facing surface and an inwardly facing surface.

3. The assembly according to claim **2**, further comprising said panel having a peripheral edge extending between said first surface and said second surface, said peripheral edge being continuous such that said panel has a circular shape, said peripheral edge being attached to said inwardly facing surface of said first lip.

4. The assembly according to claim **3**, wherein said first apertures extend through said first surface and said second surface, said first apertures being spaced apart from each other and being distributed on said panel.

5. The assembly according to claim **4**, further comprising a disc being positioned on said first surface of said panel such that said disc completely covers said first surface of said panel and said upwardly facing surface of said first lip.

6. The assembly according to claim **5**, wherein said disc has a plurality of second apertures extending therethrough, each of said second apertures being aligned with an associated one of said first apertures.

7. The assembly according to claim **6**, further comprising a plurality of fasteners, each of said fasteners extending through said disc and engaging said upwardly facing surface of said first lip to removably retain said disc on said panel.

8. The assembly according to claim **1**, further comprising a light emitter being positioned in said well wherein said light emitter is configured to emit light outwardly therefrom, said light emitter being electrically coupled to said plug.

9. The assembly according to claim **1**, further comprising a switch being coupled to said bowl wherein said switch is configured to be manipulated, said switch being electrically coupled to each of said contacts such that said switch turns each of said contacts on and off.

10. The assembly according to claim **9**, further comprising a power port being coupled said bowl wherein said power port is configured to be selectively electrically coupled to a power source, said power port being electrically coupled to each of said contacts.

11. The assembly according to claim **10**, further comprising at least one battery being positioned in said bowl, said at least one battery being electrically coupled to said switch.

12. A light emitting bowl assembly being configured to be positioned as a centerpiece for festive holidays and occasions, said assembly comprising:

a bowl being configured to be positioned on a support surface, said bowl having a bottom wall and an outer wall extending upwardly therefrom, said outer wall having a distal edge with respect to said bottom wall defining an opening into said bowl, said outer wall having an inside surface, said outer wall having a first lip extending inwardly from said inside surface, said first lip being coextensive with said outer wall such that said first lip forms a closed loop, said first lip being spaced from said distal edge of said outer wall, said first lip having an upwardly facing surface and an inwardly facing surface;

a panel having a first surface, a second surface and a peripheral edge extending therebetween, said peripheral edge being continuous such that said panel has a circular shape, said peripheral edge being attached to said inwardly facing surface of said first lip, said panel having a plurality of first apertures extending through said first surface and said second surface, said first apertures being spaced apart from each other and being distributed on said first panel;

a disc being positioned on said first surface of said panel such that said disc completely covers said first surface of said panel and said upwardly facing surface of said first lip, said disc having a plurality of second apertures extending therethrough, each of said second apertures being aligned with an associated one of said first apertures;

a plurality of fasteners, each of said fasteners extending through said disc and engaging said upwardly facing surface of said first lip to removably retain said disc on said panel;

a plurality of candle units, each of said candle units being selectively positioned in said bowl, each of said candle units being arranged in a selected arrangement and said bowl, each of said candle units being selectively turned on wherein each of said candle units is configured to selectively emit light outwardly therefrom thereby enhancing an ornamental appearance of said bowl, each of said candle units comprising:

a cylinder having a first end and a second end, said first end having a well extending toward said second end,

a plug being coupled to and extending downwardly from said second end, said plug being comprised of an electrically conductive material, said plug being extended into a selected one of said first apertures in said panel, and

a light emitter being positioned in said well wherein said light emitter is configured to emit light outwardly therefrom, said light emitter being electrically coupled to said plug; and

a power supply being coupled to said bowl, said power supply being electrically coupled to each of said candle units when said candle units is positioned in said bowl, said power supply comprising:

a plurality of contacts, each of said contacts being coupled to said second surface of said panel such that each of said contacts is aligned with and positioned at a bottom of an associated one of said first apertures in said panel, said plug corresponding to each of said candle units being electrically coupled to said contact corresponding to said first apertures when said plug is inserted into said corresponding first aperture,

a switch being coupled to said bowl wherein said switch is configured to be manipulated, said switch being electrically coupled to each of said contacts such that said switch turns each of said contacts on and off,

a power port being coupled said bowl wherein said power port is configured to be selectively electrically coupled to a power source, said power port being electrically coupled to each of said contacts, and

at least one battery being positioned in said bowl, said at least one battery being electrically coupled to said switch.

* * * * *